PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid QMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 1

(Use as many sheets as necessary)

Lof 1

Complete if Known **Application Number** 10/813,724 Filing Date 03/31/2004 First Named Inventor James C. Doane Art Unit 3672 Examiner Name Attorney Docket Number | D5407-229

			U. S. PATEN	T DOCUMENTS	
Examiner Initiats*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 6,691,789	02/17/2004	Jackson, et al.	
QV -		US- 2003/0205386	11/06/2003	Johnston, et al.	
W		US- 6,702,029	03/29/2004	Metcalfe, et al.	
_		US-			
		US-			-
		US-			
		US-			
		US-			<del> </del>
		US-	<del>                                     </del>		

		FORE	<b>IGN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Г
	<u> </u>	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (il known)	MM-DD-YYYY	- Applicant of Glob Bocciniant	Or Relevant Figures Appear	Τ°
	<u> </u>					
						_
	<del>                                     </del>					┡
						┢
						┝═

Examiner		<del></del>	
		Date	1 0/0//
Signature	1 1 200 11 /	Considered	1 19/9//11/04
- g	tem	Considered	1 1/1/2/1/1/1/10
15144 (1015)			1 (0) (12) 00 1

\*EXAMINER: Initial if reference copyofthis form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 II possible. Applicant is to place a check mark here If English language

Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

gled 3/3/104

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE control number.

Substitute for form 1449A/PTO	Complete if Known
INFORMATION DISCLOSU	Application Number
STATEMENT BY APPLICA	NT First Named Inventor James C. Doane, et al.
(use as many sheets as necessary)	Art Unit
	Examiner Name
Sheet 1 of 5	Attorney Docket Number 05407 -229

			U.S. PATE	NT DOCUMENTS	
Examiner Inilials		Document Number Number- Kind Code <sup>2</sup> (if know	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
3	÷	us. 3,776,307 us. 4,069,573	12-04-1973 01/24/1978	Young Rogers, Jr., et al	
-		us- 5,197,542 us- 5,220,959	03/30/1993 06/22/1993	Coone	
		US- 3,366,012		Worrall, et al.	
		us- 5,667,011 us- 5,720,343	09/16/1997	Gill, et al. Kilgore, et al.	
<b>3</b>		us-6,098,717 us-	08/08/2000	Bailey,et al.	
		US- US-			
		US- US-			
		ŲS-	- · · · · · · · · · · · · · · · · · · ·		
		US-			
		US-	F. 1111		

		FORE	IGN PATENT D	OCUMENTS		_
Examiner Initials		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Γ
iniuais	No.1	Country Code 3 -Number 4 - Kind Code 6 (# known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Te
		The street of th				
						-
		a tanta ay marafandan yang arabi manandan dan ayan ayan ay				

Examiner	Dasol	15.	
Signature	I SWX	Date Considered	12/211 2000
		CONSIDERED	771201

\*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.qov">www.uspto.qov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if Burden Hour Statement. This formal the conformance with the standard ST. 16 if possible. 6 Applicant is to place a check mark here if Burden Hour Statement. This formal the conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with master conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line through citation is not in conformance with MPEP 609. Draw line th

English language i ransulution is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Burden Hour Statement: This form is estimated to camplete this form should be sent to the Chief Information Officer, U.S. Patent and Committee Comm

PTO/SB/08A (04-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S.DE PARTMENT OF COMMERCE

Order the	Paperwork Reduction Act of 1995,	no persons are requir	ed to respond to	a collection of inform	alion unless it o	contains a valid OMB control nur	mber.	
Substitut	e for form 1449/PTO			Complete if Known				
				ition Number				
INFO	DRMATION DISC	OSURE	Filing (					
				amed Inventor	C. Doane, et al			
214	TEMENT BY AP		Art Uni					
	(Use as many sheets as nece			ner Name				
Sheet	2 of	5	Altorne	y Docket Number		701-99-2	ノ	
	<del>:</del>	U. S. P/	ATENT DOCU	MENTS				
Examiner Cit		Publication MM-DD-Y	Date	Name of Patentee		Pages, Cotumns, Lines, Wh		
C. NO.	Number-Kind Code <sup>2 (Area</sup>		"   '	Applicant of Cited Doo	ument	Relevant Passages or Relev Figures Appear	rant	
	A   110		66 Howa	rd, et al.				
	<sup>US-</sup> 3,298,440	01/17/19	67 Curre	nt				
	<sup>US-</sup> 3,910,348	10/07/19	75 Pitts					
	US- 4,784,226	11/15/19	88 Wyatt	<del> </del>				
	US- 6,073,692	06/13/20		Wood, et al.				
$\sim$	Us- 6,213,204			Doane		· · · · · · · · · · · · · · · · · · ·		
	US-						<del></del> -	
	US-		-	<del></del>	<del></del>			
	US-				<del></del>			
	US-					<u> </u>		
	US-		·	-				
	US-		-		-			
	US-		<del>-  </del>			<del></del>		
	US-	·	<del></del>	<del></del>				
<del></del>	US-	<del></del>						
	US-		<del>-  </del>					
	US	•						
	US-							
	US-			· · · · · · · · · · · · · · · · · · ·				
Examiner   City	e Foreign PatentD ocument	FOREIGN	PATENT DOC					
Initials' No.	1		Publication Date MM-DD-YYYY	Name of Par Applicant of Cite		Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	<b>™</b>	
TW	WO 00/58601	le" (il known)	10/05/2000	Raymandan			_	
			10/05/2000	Baumgartner			┡	
	· · · · · · · · · · · · · · · · · · ·				<del></del> ,	<del>  </del>	┡	
	<del> </del>			<del>                                      </del>			L.	
				<del> </del>		ļ	-	
			-				<u> </u>	
	<del></del>					L	<u> </u>	
Examiner Signature	Ding				)ate Considered	12/2/2014		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 801.04. Enter Office that issued the document, by the two-latter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sertal number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language.

Transition is anaeried.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Application/Control No.

Applicant(s)

James C. Doane, et al.

Examiner

Art Unit

3 of 5

## U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
Z	A	US-4,749,035	06-1988	Cassity, Thomas G.	277/340
A	8	US-3,097,696	07-1963	Оп	166/135
$\parallel$	С	US-6,598,678	07-2003	Simpson et al.	166/297
$\vdash$	D	US-4,817,716	04-1989	Taylor et al.	166/277
#	E	US-5,542,473	08-1996	Pringle, Ronald E.	166/120
<del>                                     </del>	F	US-2003/0047322	03-2003	Maguire et al.	166/380
$\vdash$	G	US-4,862,957	09-1989	Scranton, Joseph D.	166/51
$\vdash$	Н	US-5,069,280	12-1991	McKee et al.	166/278
	1	US-6,527,049	03-2003	Metcalfe et al.	166/277
	J	US-2003/0047320	03-2003	Badrak et al.	166/380
$\vdash$	K	US-2,159,640	05-1939	Strom	166/122
H		US-2,652,894	09-1953	Brown et al.	166/134
4	T <sub>M</sub>	US-4,832,125	05-1989	Taylor, William M.	166/348

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	0					
	Р					
	Q					
	R					
	s					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	υ	
	v	`
	w	
	x	Dans 12/24/2177

			_			•		D:	ろと	1-239
ſ						Application/	Control No.	Applicant(s	5)	
									. Do	ane, et al.
						Examiner		Art Unit		4 of 5
					U.S. P	ATENT DOCUM	MENTS			
	*		Document Number Country Code-Number-Kind Code	Date MM-YYYY			Name	,		Classification
S		_A	US-6,446,717	09-2002	White e	et al.				166/187
ĺ	$\int$	B	US-6,325,148	12-2001	Trahan	et al.				166/297
		С	US-6,513,600	02-2003	Ross, F	Richard				166/387
	T	D	US-6,591,905	07-2003	Coon		•			166/117.6
	T	Ε	US-2002/0014339	02-2002	Ross, f	Richard				166/380
	$\int$	F	US-2003/0042028	03-2003	Lauritz	en et al.				166/384
V	<u>J</u>	G	US-2003/0062171	04-2003	Maguir	e et al.				166/380
	_	н	US- ,							
		1	US-							
		J	US-							
	·	к	US-							
		L	US-							
		М	US-				<del></del>			·
					FOREIGN	PATENT DOC	UMENTS		- <del>,</del>	
	*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	(	Country		Name		Classification
	· ·	N								•
		0	,							
		Р				· · · · · · · · · · · · · · · · · · ·				
		Q								
		R						<u> </u>		
		s								
		T								
	*	г	T			ATENT DOCUM				<del></del>
		<b> </b>	Inclu	de as applicable	e: Author,	Title Date, Publi	sher, Edition or '	Volume, Pertinent Page	:s)	
		U								
								· · · · · · · · · · · · · · · · · · ·		
		v								
		W								
		×	N				in 101	1000		
İ		<u> </u>	L'AMP.				12/21/	SAND		
			0'				' '/	\		

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unloss it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known						
				Application Number	I	•				
INFOR	RMATIO	N DIS	CLOSURE							
STAT	EMENT	RY A	PPLICANT	First Named Inventor	James C.	Doane,	et	al.		
JOIAI	CIAICIAI	<b>D</b> 1 7	LIOAN	Group Art Unit						
	(use as many	sheets a	s necessary)	Examiner Name						
Sheet	5	of	5	Attorney Docket Number	DSUV	J-330	<u> </u>			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initiats*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), nublisher, city and/or country where published	T²
A.	/	Cocks, G.; "Experimental Results of Work on Expanded Metal Packers from June 1980 to March 1982," LANL Memorandum ESS-4-89-88 (April 21,-1989).	
		Smith, M.C.; "Use of a Hydraulically Bulged Liner for Hydraulic Fracturing in EE-2," LANL Memorandum, ESS-DOT (Nov. 12, 1981).	
		Murphy, H. and Bennett, G.; "Simplified stress Analysis of Hydraulically Expanded Liners," LANL Memorandum ESS-4 (Nov. 23, 1981).	
		Dreesen, D.S., Cocks, G. and Malzahn, M.; "Experimental Results - Expanding Metal 6-5/8 in. OD Stainless Steel Packers Inside a 8-3/4 in. ID Steel Vessel," LANL Draft Memorandum ESS-4-89-92 (May 2, 1989).	
-		Brochure from Owens Tools website, "X-Span Systems", CoreLab Downhole Solutions, 12/18/2001, 6 pages	
8	1	Dreesen, D.S., SPE 22858, "Analytical and Experimental Evaluation of Expanded Metal Packers for Well Completion Service", 10/06/1991, pp. 413=421	

Examiner Signature	Dons	Date Considered	12	C	1	Jul 1	1
				$-\tau$			$\tau^{-}$

\*EXAMINER: Initial if reference considered, whether or not distion is in conformance with MPEP 609. Draw line through distion if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This term is estimated to take 2.0 hours to complete. Timo will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.